

Cell I1027

Track I9

Images

Level 2 – [I1027.jpg](#)

Track and Grains: N/A

Level 3: N/A

Microtomed samples: N/A

Track History: Cell I1027 has been scanned via the Stardust@Home Project and selected as a candidate tile containing a track.

First interstellar candidate to be keystoned
Went to Westphal/UCB
Removed from fork in plastic box with feed-throughs,
Mounted in polypropylene sandwich, sent to ESRF/Simionovici 15apr08
Analyzed at ALS 1.4.3, FTIR (Westphal) on 12 Jun 08
Analyzed again at ESRF/Simionovici on ID 22 Jun 08
Analyzed at ALS 1.4.3, FTIR (Bechtel) on 15 Jul 08

Track Characteristics:

Type: Type C - Bulbous
Length / Depth: ?
Grain diameters:?

Allocation History

Results

Track: FTIR: analysis showed moderate organic contamination in CH₂ and amide bands and significant C=O contamination. Contamination appeared to be homogeneously distributed. Little change between two measurements (~1 month apart).

ALS STXM: Ca, Fe and Zn detected in particle.

Data Files:

